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DEC 29 2004

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23552 26195 7590 11/04/2004

**MERCHANT & GOULD PC
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**FISH & RICHARDSON P.C., P.A.
60 SOUTH SIXTH STREET
SUITE 3300
MINNEAPOLIS, MN 55402**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Caryl Harriman	(Depositor's name)
<i>Caryl Harriman</i>	(Signature)
12/23/2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/896,782	06/28/2001	Edward S. Hoskins	STL9980/40046.0154US01 17539-013001	8895

TITLE OF INVENTION: METHOD AND APPARATUS FOR READ ERROR RECOVERY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370 \$1400	\$300	\$1670 \$1700	02/04/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
COLON, ROCIO	2651	360-053000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Fish & Richardson P.C., P.A.

2.

3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE (CITY and STATE OR COUNTRY)

Seagate Technologies LLC

Shakopee, MN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee
☒ Publication Fee
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account Number 06-1050 (enclose an extra copy of this form).

Director of Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

Craig O. Thompson
Craig O. Thompson (Date) **December 23, 2004**
47,990

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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12/30/2004 EAREGAY2 00000047 09896782

01 FC:1504
02 FC:1501
03 FC:8001

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TRANSMIT THIS FORM WITH FEE(S)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Edward S. Hoskins et al.
Serial No. : 09/896,782
Filed : June 28, 2001

Art Unit : 2651
Examiner : Rocio Colon
Confirmation No.: 8895
Notice of Allowance Date: November 4, 2004

Title : METHOD AND APPARATUS FOR READ ERROR RECOVERY

MAIL STOP ISSUE FEE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF ALLOWANCE

In response to the Notice of Allowance mailed November 4, 2004, enclosed is a completed issue fee transmittal form PTOL-85b and a check for \$1730 for the required issue fee and publication fee, including patent copies.

Please apply any additional charges or credits to our Deposit Account No. 06-1050.

Respectfully submitted,

Date: 23 Dec 2004

Craig Thompson
Craig O. Thompson
Reg. No. 47,990

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60266326.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Caryl Harriman
Signature

Caryl Harriman
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